

Form PTO-1449
(REV 2-88)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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Derek L. Eager et al.

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Y.G	1	Skyscraper Broadcasting: A New Broadcasting Scheme For Metropolitan Video-on-Demand Systems, Kien A. Hua et al., SIGCOMM '97 Cannes, France.
Y.G	2	A Low Bandwidth Broadcasting Protocol for Video on Demand, Jehan-Francois Paris et al., Int'l Conference on Computer Communication and Networks (ICCCN), Oct. 1998.
Y.G	3	Efficient Broadcasting Protocols for Video on Demand, Jehan-Francois Paris et al., Proc. Mascots '98, Montreal, July 1998.
Y.G	4	Efficient Schemes for Broadcasting Popular Videos, Lixin Gao, et al.
Y.G	5	Metropolitan area video-on-demand service using pyramid broadcasting, S. Viswanathan et al., Multimedia Systems (1996) 4: 197-208.

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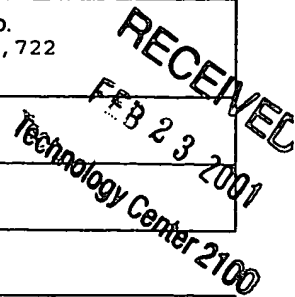
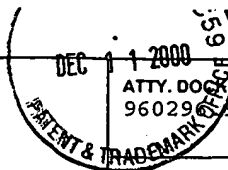
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Y.G.	6	A Permutation-Based Pyramid Broadcasting Scheme for Video-on-Demand Systems, Charu C. Aggarwal et al.,
Y.G.	7	Design and Analysis of Permutation-Based Pyramid Broadcasting, Charu C. Aggarwal et al., U of S Computer Science, RC 20620, 11/8/96.
Y.G.	8	Tailored transmissions for efficient Near-Video-On-Demand service*, Yitzhak Birk et al.
	9	Reducing I/O Demand in Video-On-Demand Storage Servers, Leana Golubchik et al., SIGMETRICS '95 Ottawa, Ontario, Canada.
Y.G.	10	On Optimal Piggyback Merging Policies for Video-On-Demand Systems, Charu Aggarwal et al., SIGMETRICS '96, 5/96 PA.

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Y.G	11		<i>Adaptive Piggybacking Schemes for Video-on-Demand Systems</i> , Charu C. Aggarwal et al., RC 20635 (11/19/96) IBM Research Division.
Y.G	12		Merging video streams in a multimedia storage server: complexity and heuristics, Siu-Wah Lau et al., <i>Multimedia Systems</i> (1998) 6:29-42.
Y.G	13		<i>Patching: A Multicast Technique for True Video-on-Demand Services</i> , Kien A. Hua et al., ACM Multimedia 98 – Electronic Proceedings.
	14		<i>Improving Video-on-Demand Server Efficiency Through Stream Tapping</i> , Steven W. Carter, et al., Proc. Int'l Conf. On Computer Communication and Networks (ICCCN), Las Vegas, Sept. 1997, pp. 200-207.
Y.G	15		<i>Stream Tapping: a System for Improving Efficiency on a Video-on-Demand Server</i> , Steven w. Carter et al., UCSC-CRL-97-11, November 2, 1997.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Y.G	16	Supplying Instantaneous Video-on-Demand Services Using Controlled Multicast, Lixin Gao et al.,
Y.G	17	Optimal Patching Schemes for Efficient Multimedia Streaming*, Subhabrata Sen et al.,
Y.G	18	Dynamic batching policies for an on-demand video server, Asit Dan et al., Multimedia Systems (1996) 4:112-121.
Y.G	19	On Optimal Batching Policies for Video-on-Demand Storage Servers, Charu C. Aggarwal et al., IEEE Multimedia Computing & Systems Conf., Hiroshima, Japan, June 1996.
Y.G	20	Group-Guaranteed Channel Capacity in Multimedia Storage Servers, Athanassios K. Tsiolis et al., SIGMETRICS 1997 Conference.

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Y.G	21	<i>Networking Requirements for Interactive Video on Demand</i> , Jean-Paul Nussbaumer et al., IEEE Journal on Selected Areas in Communications, Vol. 13, No. 5, June 1995.
Y.G	22	<i>Hierarchical Storage Management in a Distributed VOD System</i> , David W. Brubeck et al., 1996 IEEE MultiMedia, pgs. 37-72
Y.G	23	<i>Cost-Based Program Allocation for Distributed Multimedia-on-Demand Systems</i> , Chatschik C. Bisdikian et al., IEEE Multi-Media, pgs. 62-72, 1996.
Y.G.	24	<i>Proxy Prefix Caching for Multimedia Streams</i> , Subhabrata Sen et al., CMPSCI Technical Report 98-27, University of Massachusetts, pgs. 1-26.

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